

Table 1. Summary Renewable Electric Power Industry Statistics (2006)

Maryland

Primary Renewable Energy Capacity Source Hydro Conventional
Primary Renewable Energy Generation Source Hydro Conventional

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	12,500	100.0
Total Net Summer Renewable Capacity	693	5.5
Geothermal	-	-
Hydro Conventional	566	4.5
Solar	-	-
Wind	-	-
Wood/Wood Waste	2	*
MSW/Landfill Gas	126	1.0
Other Biomass	-	-
<u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	48,957	100.0
Total Renewable Net Generation	2,734	5.6
Geothermal	-	-
Hydro Conventional	2,104	4.3
Solar	-	-
Wind	-	-
Wood/Wood Waste	221	0.5
MSW Biogenic/Landfill Gas	408	0.8
Other Biomass	-	-

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

**Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2002 - 2006
(Megawatts)**

Maryland

Energy Source	2002	2003	2004	2005	2006
Fossil	9,461	10,076	10,071	10,075	10,071
Coal	4,897	4,957	4,958	4,958	4,958
Petroleum	2,922	2,822	3,422	3,422	3,140
Natural Gas	1,490	2,144	1,538	1,542	1,821
Other Gases	152	152	152	152	152
Nuclear	1,685	1,703	1,735	1,735	1,735
Renewables	713	693	693	693	693
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	11,859	12,472	12,499	12,503	12,500

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2002 - 2006 (Megawatts)

Maryland

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	530	566	566	566	566
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	62	2	2	2	2
MSW/Landfill Gas	121	125	125	125	126
Other Biomass	-	-	-	-	-
Total	713	693	693	693	693

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2002 - 2006
(Thousand Megawatthours)**

Maryland

Energy Source	2002	2003	2004	2005	2006
Fossil	33,713	35,032	34,107	35,348	32,088
Coal	28,712	29,939	29,216	29,314	29,405
Petroleum	2,282	3,572	3,296	3,818	582
Natural Gas	2,214	1,196	1,183	1,874	1,768
Other Gases	505	325	413	343	333
Nuclear	12,128	13,691	14,580	14,703	13,830
Renewables	2,183	3,243	3,077	2,317	2,734
Pumped Storage	-	-	-	-	-
Other	255	278	289	294	305
Total	48,279	52,244	52,053	52,662	48,957

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

**Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source, 2002 - 2006
(Thousand Megawatthours)**

Maryland

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	1,661	2,647	2,508	1,704	2,104
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	183	225	172	195	221
MSW Biogenic/Landfill Gas	339	371	397	417	408
Other Biomass	s	-	-	-	-
Total	2,183	3,243	3,077	2,317	2,734

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."